

Claim PTO

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1. A transmitter-receiver for transmitting and receiving mails to and from a user terminal by an electronic mail system, comprising:

a plurality of mail spools for retaining mails transmitted from said user terminal, each of said mail spools having a spool number, wherein each mail in said mail spools is managed in accordance with said spool number and a mail number assigned to said mails; and a spool integration unit for integrating said plurality of mail spools and for making it possible to gain access to each of said mail by regarding said plurality of mail spools as a single spool, said spool integration unit including:
means for determining, among said plurality of mail spools, any mail spools where a mail designated to be read out is stored,
means for converting a reading command for reading out a mail from a single spool into a reading command for reading out a mail from each of said spools which have been determined by said means for determining,
further means for determining whether or not plural mails retained in said plurality of mail spools have a same mail ID given by a transmitter, and
means for assigning the same mail number to plural identical mails having the same mail ID.

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2. A transmitter-receiver according to claim 1, wherein said spool integration unit comprises further means for converting the reading command to a reading command for reading out a mail from only one of the plurality of spools which have been determined by said means for determining in case two or more spools where mails designated for reading are present.

3. A transmitter-receiver according to claim 1, further comprising a position information control unit having information relating to positions and communication channels accessible by the user; and

communication mode selecting means for selecting which communication channel the user should use for communication based on the information from the position information control unit to provide control information for a communication channel which the user can access by recording a place where the user having said user terminal is currently present.

4. (New). A terminal to be connected to an apparatus on a wired or wireless communication path network, said terminal being arranged to transmit to said apparatus information related to capability of said terminal itself.

5. (Amended). A terminal according to claim 4, wherein said terminal is arranged to receive from said apparatus data converted to a form matching said capability.

6. (New). A terminal according to claim 5, wherein said terminal is arranged to receive information related to impairment of information indicative of information impairment which occurs in said data to be received during data conversion.

7. (New). An information processing apparatus comprising:
a receiving section for receiving information from a terminal connected thereto; and
a terminal responsive section responsive to said information received by said receiving section for obtaining information indicative of capability of said terminal.

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8 (Amended). An information processing apparatus according to claim 7, further comprising a data form converting unit for converting a format of various data into another format, said data form converting unit being arranged to perform conversion to convert said data to a form matching said capability.

9 (New). An information processing apparatus according to claim 8, wherein said terminal responsive section is arranged to transmit conversion data obtained by said data form converting unit to said terminal.

10 (New). An information processing apparatus according to claim 8, wherein said terminal responsive section is arranged to refer to said capability information and to information in a table, in which contents of data are given, and wherein said terminal responsive section converts said contents of said data, using said data form converting unit, into data in a form matching said capability.

11 (New). An information processing apparatus according to claim 9, wherein said terminal responsive section is arranged to refer to said capability information and to information in a table, in which contents of data are given, and wherein said terminal responsive section converts said contents of said data, using said data form converting unit, into those in a form matching said capability.

12 (New). An information processing apparatus according to claim 10, further comprising means for adding a flag indicative of impairment of information when impairment occurs in original information during data conversion.

13 (New). An information processing apparatus according to claim 11, further comprising means for adding a flag indicative of impairment of information when impairment occurs in original information during data conversion.

14 (New). An information processing apparatus according to claim 12, wherein said terminal responsive section is arranged to transmit converted data as well as information related to impairment of information to said terminal.

15 (New). An information processing apparatus according to claim 13, wherein said terminal responsive section is arranged to transmit converted data as well as information related to impairment of information to said terminal.